

10/539613

DOCKET NO.: 272978US0PCT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Helge WESSEL et al.

SERIAL NUMBER: 10/539,613

FILED: June 17, 2005

FOR: METHOD FOR REMOVING SULFUR COMPOUNDS FROM GASES  
CONTAINING HYDROCARBONS

**SUBMISSION OF CORRECTED ENGLISH TRANSLATION**

COMMISSIONER FOR PATENTS  
Alexandria, Virginia 22313

Dear Sir:

Applicants are submitting herewith a corrected English translation in the above-identified application for the purpose of correcting an inadvertent error.

It has recently come to Applicants' attention that the original English translation filed on June 17, 2005 is not an accurate translation of PCT/EP03/14193. A correct translation is being submitted herewith along with our credit card payment the amount of \$490.00 to cover the required fees.

If any variance exists between the amount enclosed and the required Government fee, please charge or credit the difference to our Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Customer Number

22850

703-413-3000

Norman F. Oblon  
Attorney of Record  
Registration No. 24,618  
Surinder Sachar  
Registration No. 34,423  
Corwin P. Umbach, Ph.D.  
Registration No. 40,211

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

8US0PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/539,613

INTERNATIONAL APPLICATION NO.

PCT/EP03/14193

INTERNATIONAL FILING DATE

13 December 2003

PRIORITY DATE CLAIMED

19 December 2002 earliest

TITLE OF INVENTION

METHOD FOR REMOVING SULFUR COMPOUNDS FROM GASES CONTAINING HYDROCARBONS

APPLICANT(S) FOR DO/EO/US

Helge WESSEL et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

Corrected English Translation of Specification

Corrected Information Disclosure Statement under 37 CFR 1.97

Form PTO-1449

Statement of Relevancy

Reference Cited (1)

Submission of Corrected English Translation

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO-1390 (Rev. 02-2005)  
 Approved for use through 3/31/2007. OMB 0651-0021  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/539,613</b>		INTERNATIONAL APPLICATION NO <b>PCT/EP03/14193</b>		PTO USE <b>272978US0PCT</b>					
The following fees are submitted:				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CALCULATIONS</th> <th style="width:50%;">PTO USE</th> </tr> <tr> <td colspan="2" style="text-align: center; font-size: 2em;"><b>10/539613</b></td> </tr> </table>		CALCULATIONS	PTO USE	<b>10/539613</b>	
CALCULATIONS	PTO USE								
<b>10/539613</b>									
24. <input type="checkbox"/> Basic national fee		\$300	\$	\$0.00					
25. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). All other situations.		\$100 \$200	\$	\$0.00					
26. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office All other situations.		\$100 \$400 \$500	\$	\$0.00					
<b>TOTAL OF 24, 25 and 26 =</b>			\$	\$0.00					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE						
- 100 =	0 /50 =	0	x \$250.00	\$	\$0.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE						
Total claims	13 - 20 =	0	x \$50.00	\$	\$0.00				
Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00				
MULTIPLE DEPENDENT CLAIMS (if applicable)		<input checked="" type="checkbox"/>	+ \$360.00	\$	\$360.00				
<b>TOTAL OF ABOVE CALCULATIONS</b>				\$	\$360.00				
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fee is reduced by 1/2.				\$	\$0.00				
<b>SUBTOTAL =</b>				\$	\$360.00				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$130.00				
<b>TOTAL NATIONAL FEE =</b>				\$	\$490.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				\$	\$0.00				
<b>TOTAL FEES ENCLOSED =</b>				\$	\$490.00				
				Amount to be	\$				
				Amount to be	\$				

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **15-0030**. A duplicate copy of this sheet is enclosed.

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number  
**22850**

*Corwin Paul Umbach*

SIGNATURE

**Norman F. Oblon**

NAME **Corwin P. Umbach, Ph.D.**

**24,618** Registration No. 40,211

REGISTRATION NUMBER

FEE VALUE	
ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
<b>15-0030</b>	
FEE	VALUE
PAID	FORWARDED
<b>168</b>	<b>130</b>